

FIG. 1

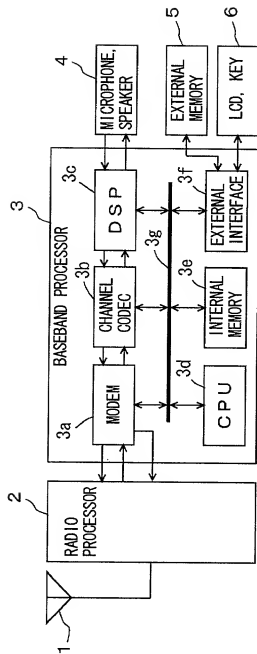


FIG. 2

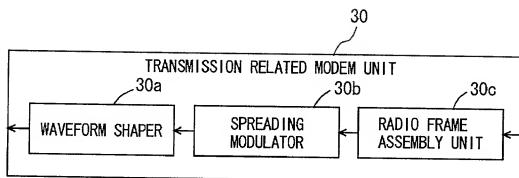


FIG. 3

$$\begin{aligned}
 \text{PERIOD INDEX :0} \quad & [H_0] = [0] \\
 \text{PERIOD INDEX :1} \quad & [H_1] = \begin{bmatrix} H_0 & H_0 \\ H_0 & H_0 \end{bmatrix} = \begin{bmatrix} 0 & 0 \\ 0 & 1 \end{bmatrix} \\
 \text{PERIOD INDEX :2} \quad & [H_2] = \begin{bmatrix} H_1 & H_1 \\ H_1 & H_1 \end{bmatrix} = \begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & 1 \\ 0 & 0 & 1 & 1 \\ 0 & 1 & 1 & 0 \end{bmatrix} \\
 \vdots & \quad \quad \quad \vdots \\
 \text{PERIOD INDEX :k} \quad & [H_k] = \begin{bmatrix} H_{k-1} & H_{k-1} \\ H_{k-1} & H_{k-1} \end{bmatrix}
 \end{aligned}$$

**070601**

		LOCATION NUMBER (C)															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SEQUENCE NUMBER (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
	2	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1
	3	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1	0
	4	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1
	5	0	1	0	1	1	0	1	0	0	1	0	1	1	0	1	0
	6	0	0	1	1	1	1	0	0	0	0	1	1	1	1	0	0
	7	0	1	1	0	1	0	0	1	0	1	1	0	1	0	0	1
	8	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	9	0	1	0	1	0	1	0	1	1	0	1	0	1	0	1	0
	10	0	0	1	1	0	0	1	1	1	1	0	0	1	1	0	0
	11	0	1	1	0	0	1	1	0	1	0	0	1	1	0	0	1
	12	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0
	13	0	1	0	1	1	0	1	0	1	0	1	0	0	1	0	1
	14	0	0	1	1	1	1	0	0	1	1	0	0	0	0	1	1
	15	0	1	1	0	1	0	0	1	1	0	0	1	0	1	1	0

F I G. 5

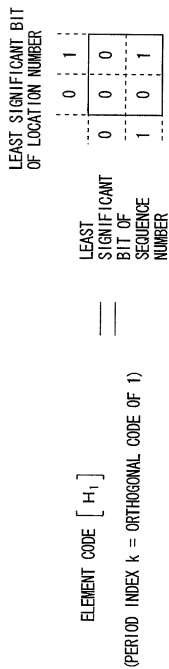


FIG. 6

VALUES OF  
SEQUENCE  
NUMBER  
EXCLUDING  
LEAST  
SIGNIFICANT  
BIT

VALUES OF LOCATION NUMBER  
EXCLUDING LEAST SIGNIFICANT BIT

	000	001	010	011	100	101	110	111
000	$H_1$	$H_1$	$H_1$	$H_1$	$H_1$	$H_1$	$H_1$	$H_1$
001	$H_1$	$\overline{H_1}$	$H_1$	$\overline{H_1}$	$H_1$	$\overline{H_1}$	$H_1$	$\overline{H_1}$
010	$H_1$	$H_1$	$\overline{H_1}$	$\overline{H_1}$	$H_1$	$H_1$	$\overline{H_1}$	$\overline{H_1}$
011	$H_1$	$\overline{H_1}$	$\overline{H_1}$	$H_1$	$H_1$	$\overline{H_1}$	$\overline{H_1}$	$H_1$
100	$H_1$	$H_1$	$H_1$	$H_1$	$\overline{H_1}$	$\overline{H_1}$	$\overline{H_1}$	$\overline{H_1}$
101	$H_1$	$\overline{H_1}$	$H_1$	$\overline{H_1}$	$\overline{H_1}$	$H_1$	$\overline{H_1}$	$H_1$
110	$H_1$	$H_1$	$\overline{H_1}$	$\overline{H_1}$	$\overline{H_1}$	$\overline{H_1}$	$H_1$	$H_1$
111	$H_1$	$\overline{H_1}$	$\overline{H_1}$	$H_1$	$\overline{H_1}$	$H_1$	$H_1$	$\overline{H_1}$

FIG. 7

VALUES OF  
SEQUENCE  
NUMBER  
EXCLUDING  
LEAST  
SIGNIFICANT  
BIT

VALUES OF LOCATION NUMBER  
EXCLUDING LEAST SIGNIFICANT BIT

	000	001	010	011	100	101	110	111
000	0	0	0	0	0	0	0	0
001	0	1	0	1	0	1	0	1
010	0	0	1	1	0	0	1	1
011	0	1	1	2	0	1	1	2
100	0	0	0	0	1	1	1	1
101	0	1	0	1	1	2	1	2
110	0	0	1	1	1	1	2	2
111	0	1	1	2	1	2	2	3

FIG. 8

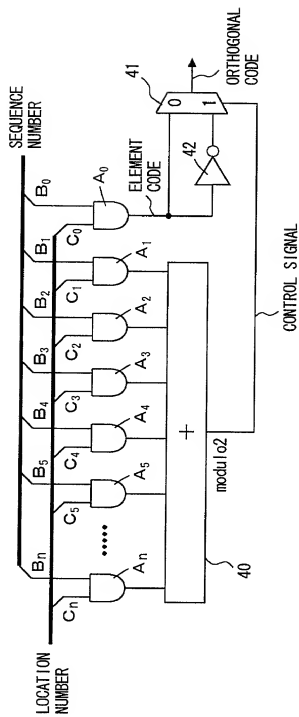


FIG. 9

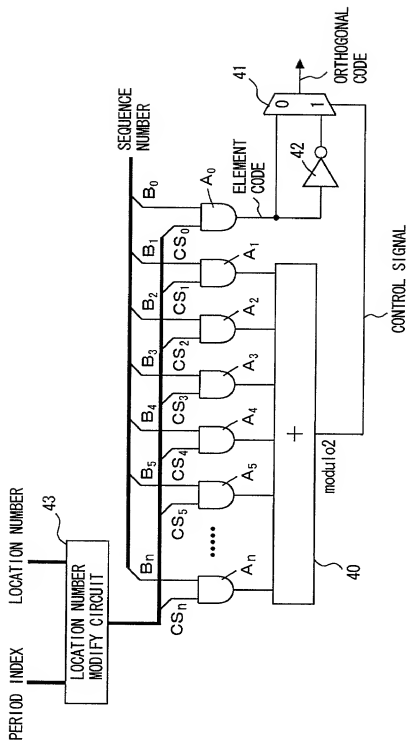


FIG. 10

	LOCATION NUMBER (C)															
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SEQUENCE NUMBER (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	2	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1
	3	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0
	4	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1
	5	0	0	1	1	0	0	1	1	1	0	0	1	1	0	0
	6	0	0	1	1	1	1	0	0	0	0	1	1	1	0	0
	7	0	0	1	1	1	1	0	0	1	1	0	0	0	0	1
	8	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
	9	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
	10	0	1	0	1	1	0	1	0	0	1	0	1	1	0	1
	11	0	1	0	1	1	0	1	0	1	0	0	1	0	0	1
	12	0	1	1	0	0	1	1	0	0	1	1	0	0	1	0
	13	0	1	1	0	0	1	1	0	1	0	0	1	1	0	0
	14	0	1	1	0	1	0	0	1	0	1	1	0	1	0	0
	15	0	1	1	0	1	0	0	1	1	0	0	1	0	1	0



FIG. 11

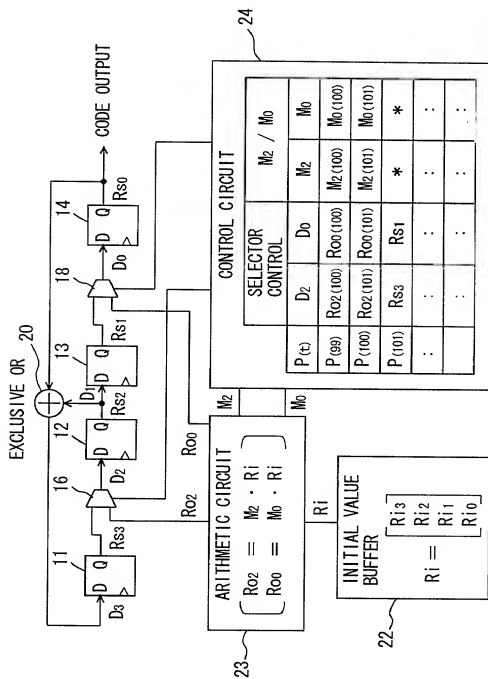


FIG. 12

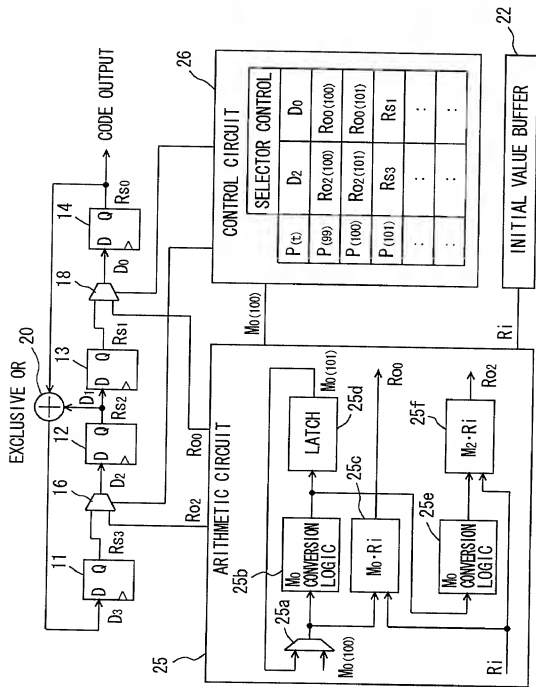


FIG. 13

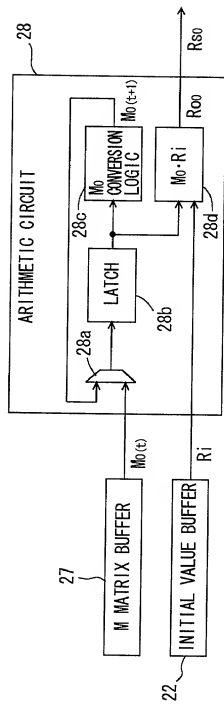
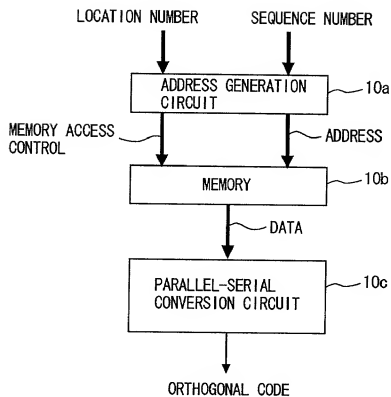


FIG. 14 PRIOR ART



00000000.070201



FIG. 16 PRIOR ART

